

DeviceAtlas Updates Summary

April 2026

Contents

- 1. INTRODUCTION 3
- 2. CUSTOMER NOTICE 3
- 3. PRODUCTION VERSIONS 3
 - 3.1. UPDATED NATIVE GO API 4
- 4. SSO SUPPORT 4
- 5. PROPERTY UPDATES 4
 - 5.1. NEW PROPERTY CATEGORY: SUSTAINABILITY 5
 - 5.2. LAST UPDATED DATE 6

1. Introduction

The objective of this document is to communicate recent and forthcoming updates to DeviceAtlas customers. This update covers the following areas: Golang API update, SSO support, Private Data option, new properties.

2. Customer notice

2.1. Cessation of HTTP support for file downloads

HTTP will cease to be supported for data file downloads on 5th May 2026, to ensure the security of customer licence keys. HTTP requests will receive a 403 response and will not be redirected. For continuity of downloads, please ensure requests are made via HTTPS.

3. Production versions.

For best results, it is recommended to ensure that production deployments are using the latest releases per the table below. (The latest data file should also always be used; this updates daily)

Item	Version	Date
Java	3.4	27 th May 2025
.NET/ .NET Core	3.4	26 th November 2025
PHP	3.3.1	4 th February 2026
NodeJS	3.2.1	23 rd October 2023
Python	3.2.1	11 th April 2024

Item	Version	Date
Golang (native)	3.3	20 th February 2026
C	3.3.1	9 th September 2025
Golang (C Wrapper)	3.3.1	9 th September 2025
C++ (C Wrapper)	3.3.1	9 th September 2025
C/ NGINX Module	3.3.1	9 th September 2025
C/ HAProxy Module	3.3.1	9 th September 2025
DeviceAtlas Client-Side Component	2.7.3	4 th March 2026

3.1. Updated native Go API

The native Golang API has been substantially updated to improve performance and reduce footprint. The output is identical to the previous version and it is a drop-in replacement.

An increase in throughput of a factor of six may be expected on standard hardware, with a reduction in memory usage of potentially 66%, yielding a very substantial overall compute cost reduction.

4. SSO support

DeviceAtlas now supports SAML 2.0 Single Sign-On (SSO), to permit user authentication via their organisation’s Identity Provider (IdP). Contact support at support@deviceatlas.com for details.

5. Property updates

New properties have been released as described below; these can be included in the data file download by selecting them via the Data File Options page in the ‘My Account’ interface when logged into DeviceAtlas.

5.1. New property category: Sustainability

A new category has been introduced under which a range of environmental footprint properties will be added progressively. New properties in this category are listed below; the first round of new properties covers the area of power consumption. Subsequent rounds will cover aspects such as repairability and survivability.

The purpose of the properties is to assist organisations to deepen their understanding of full lifecycle sustainability aspects and meet legislative requirements where applicable.

Please note that initial coverage is limited to more recent device releases but this will deepen over time.

Mobile phone and tablet properties:

Property name	Description
Energy Efficiency Class	Ranking of energy efficiency from A (most efficient) to G (least efficient)
Battery technology	Chemical technology of the battery
Rated Battery capacity	Battery capacity in mAh
Battery endurance per cycle	Average device usage time for fully charged battery
Battery endurance in cycles	Lifetime number of charge/discharge cycles for the battery
User-replaceable battery	Battery can be replaced by consumer
Charger output power	Required output power from charger

TV properties:

Property name	Description
Energy Class SDR	Energy efficiency class for Standard Dynamic Range (SDR) - TV only
Power usage SDR (on)	On mode power demand in Standard Dynamic Range (SDR)- TV only
Energy Class HDR	Energy efficiency class for High Dynamic Range (HDR), if implemented -TV only
Power usage HDR (on)	On mode power demand in High Dynamic Range (HDR) - TV only
Power usage (off)	Off mode power demand - TV only
Power usage (standby)	Standby mode power demand - TV only
Power usage (networked standby)	Networked standby mode power demand - TV only

5.2. Last Updated Date

Description:

This property contains the date of the most recent update to a property of the device, not including changes in dynamic properties which are populated at runtime or properties that change automatically over time.

Use case/ benefit:

Improve visibility into data evolution over time, and enable determination of when to refresh stored/ cached datasets. Note that an update may be a change from empty/ blank (i.e. unknown) to populated, so it does not serve as a measure of error corrections.